526 Rec'd PCT/PTO 09 ANG 2000

TORM P10-1506 U.S. DI (REV-12-29-99)	INT OF COMMERCE PAIRNE AND TRADEMARK OFFICE.	ATTO A'S DOCKET NUMBER						
TRANSMITTAL LETTER TO THE UNITED STATES		ISTN-100						
DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
CONCERNING A FILI	09/601888							
INTERNATIONAL APPLICATION NO. PCT/US99/02181	international filing date 3 February 1999	PRIORITY DATE CLAIMED 9 February 1998						
TITLE OF INVENTION ION SEPARATION USING A SURFACE-TREATED XEROGEL								
APPLICANT(S) FOR DO EO US YANG, Arthur Jing-Min								
Applicant herewith submits to the United States Designated Elected Office (DO EO US) the following items and other information:								
1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.								
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. Is transmitted herewith (required only if not transmitted by the International Bureau).								
b. has been transmitted by the International Bureau.								
 e. X is not required, as the application was filed in the United States Receiving Office (RO-US). A translation of the International Application into English (35 U.S.C. 371(c)(2)). 								
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are transmitted herewith (required only if not transmitted by the International Bureau).								
	by the International Bureau	•						
	owever, the time limit for making such amend	ments has NOT expired.						
<u> </u>								
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(e)(5)).								
Items 11. to 16. below concern document(s) or information included:								
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12. 🗵 An assignment document for re	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. X A FIRST preliminary amendment.								
A SECOND or SUBSEQUENT	A SECOND or SUBSEQUENT preliminary amendment.							
14. A substitute specification.								
15. A change of power of attorney a	15. A change of power of attorney and/or address letter.							
16. 🗵 Other items or information:								
Verified Small Entity Statement								

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	lowing fees are submitted:			CALCULATIONS	PTO USE ONLY	
BASIC NATION	AL FEE (37 CFR 1.492 (a)					
	ational preliminary examina nal search fee (37 CFR 1.44					
	nal Search Report not prepa		\$970.00			
International USPTO but It	preliminary examination fee itemational Search Report p	(37 CFR 1.482) not paid to repared by the EPO or JPO	\$840.00			
	oreliminary examination feetsearch fee (37 CFR 1.445(a)	(37 CFR 1.482) not paid to USI ((2)) paid to USPTO	PTO but . \$690.00			
		paid to USPTO (37 CFR 1.48 f PCT Article 33(1)-(4)				
		: paid to USPTO (37 CFR 1.48 [Article 33(1)-(4)				
ENTER APPROPRIATE BASIC FEE AMOUNT =			\$670.00			
	0.00 for furnishing the oath earliest claimed priority dat		0 30	\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	51 - 20 =	31	X \$18.00	\$ 558.00		
Independent claims	6 - 3 -	3	X \$78.00	\$ 234.00	ļ	
MULTIPLE DEPI	ENDENT CLAIM(S) (if applied		+ \$260.00	\$ 260.00		
		OF ABOVE CALCULAT		\$1,722.00	 	
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also by filed (Note 37 CFR 1.9, 1.27, 1.28).			\$ 861.00			
		SUBT	TOTAL =	\$ 861.00		
	\$130.00 for furnishing the earliest claimed priority dat	English translation later than e (37 CFR 1.492(f)).	20 30	\$		
TOTAL NATIONAL FEE =			s 861.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 40.00			
TOTAL FEES ENCLOSED =			\$ 901.00			
				Amount to be refunded:	s	
				charged:	S	
		ol.00 to cover the above				
b. Please charge my Deposit Account No in the amount of S to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. 🖾 The Co overpay	mmissioner is hereby author ment to Deposit Account N	rized to charge any additional to 19–1980	ees which may be copy of this sh	e required, or credit eet is enclosed.	any	
		t under 37 CFR 1.494 or 1.49 d to restore the application to			evive (37 CFR	
SUND ALL CORRE	SPONDENCE TO		Zi.	And atte	uler	
SHERMAN & SHALLOWAY SIGNAT		.RL:	J			
413 North Washington Street Rich			ard A. Stein	berg		
Alexandria, Virginia 22314						
			26,	588		
			REGISTR	ATION NUMBER	•	